

Permeate Head removal tool for side port vessel –User Guide

Tool Description – SS304

1. Center Shaft
2. Hold-In-Place Handle

Part Number

- 20181
- 20182



Procedure

1. Disassemble all connection piping from the permeate port (Fig. 1).
2. Place the removal tool Center shaft onto the center of the permeate port. Mount the shaft onto the bearing plate by using two (M8*25 for vessel pressure $\leq$ 600 psi or M8*40 for vessel pressure $\geq$ 1000 psi) hexagonal screws on both side (Fig. 2).
3. Screw anticlockwise the Hold-In-Place handle along the thread of the center shaft until it reaches the edge of the membrane pressure vessel head. Slightly tighten the handle against the edge of the membrane pressure vessel head (Fig. 3).
4. Inert a 28 mm diameter and 500 to 600 mm long steel bar or pipe through the 30mm hole of the center shaft. To move the permeate head by turning the steel bar clockwise (Fig. 4).



Fig.1

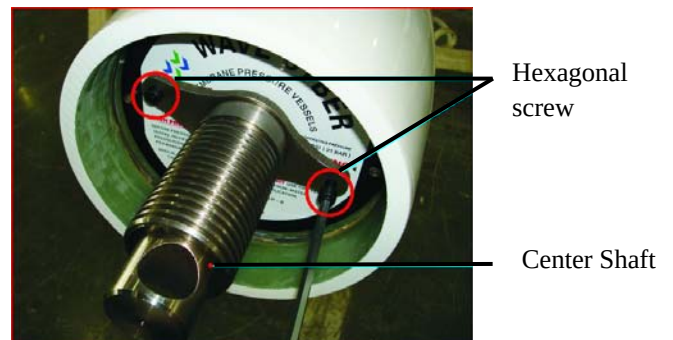


Fig. 2

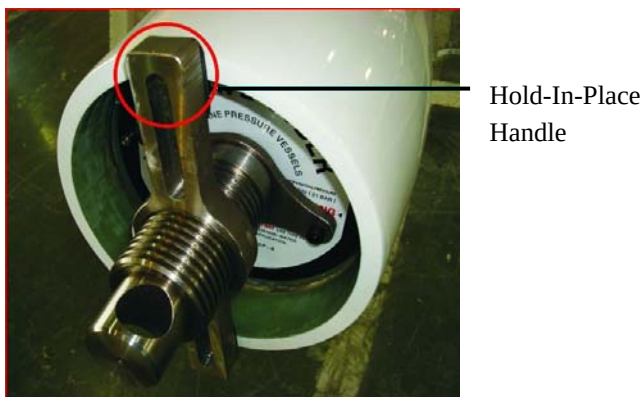


Fig 3



Fig.4